Deployment on Flask

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Report date: 22.03.2021
Internship Batch: LISP01
Version:<1.0>
Proje located: https://github.com/osmanballi/Predict_Car_Price_with_Flask_and_Regression

Proposed Approach:

In this project, a web application was made that determines car prices according to their characteristics.

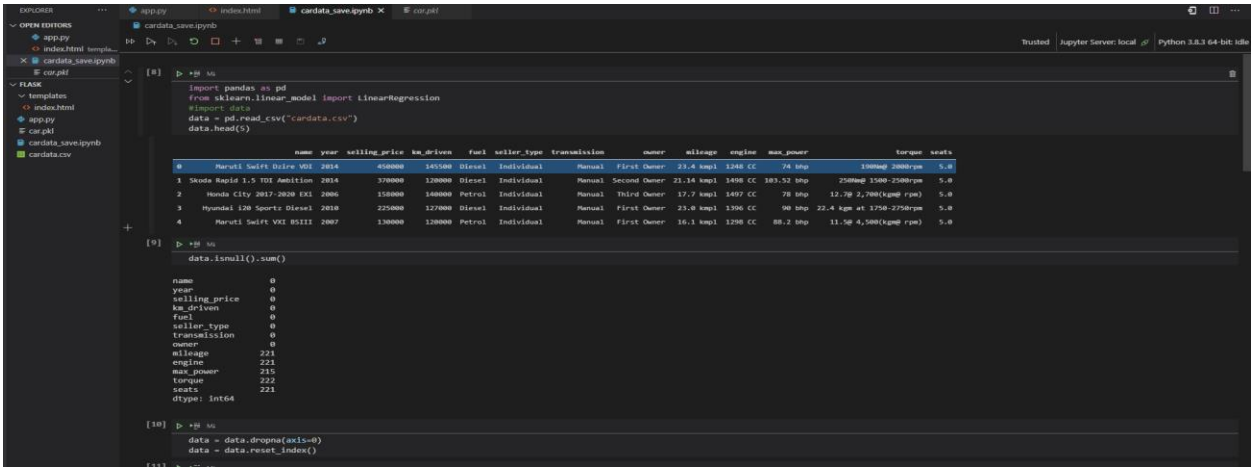

Figure 1: Upload Data

The car data set consists of 13 columns. Here is information about Car Information, sales prices and features.

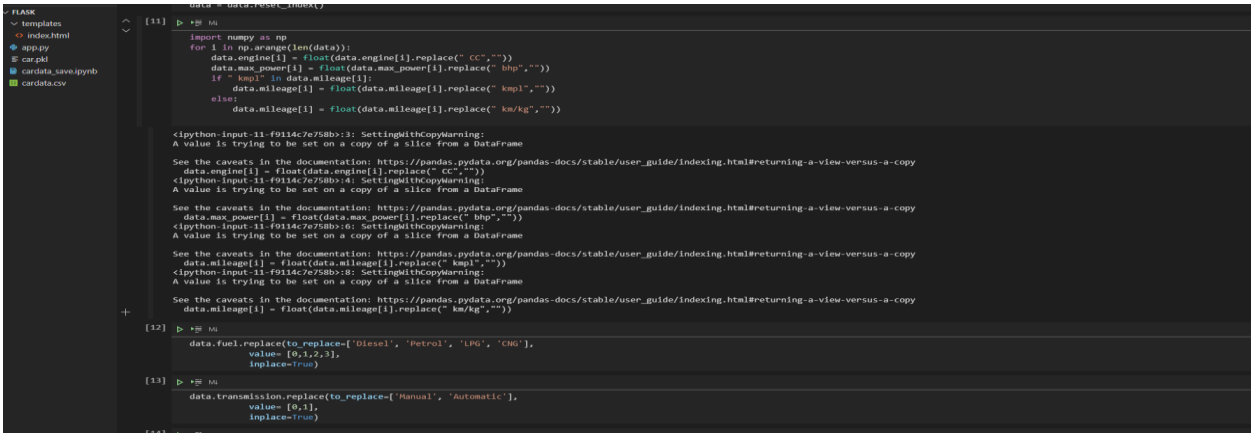

Figure 2: Edit Data

Nan data was first detected and removed from the data set. It was also found that units were located next to some numerical data. These were corrected and converted into numerical data. Fuel and transmission were also converted to numerical data.

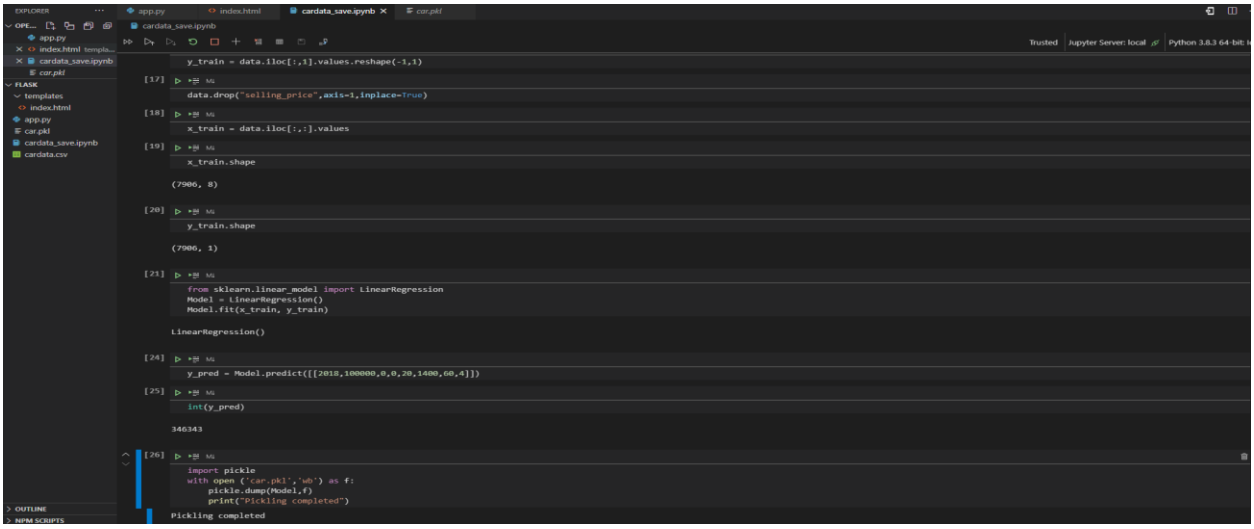

Figure 3: Training of data and recording of Model

As the final stage of data-related operations, the data was trained and the model was recorded as car.pkl.

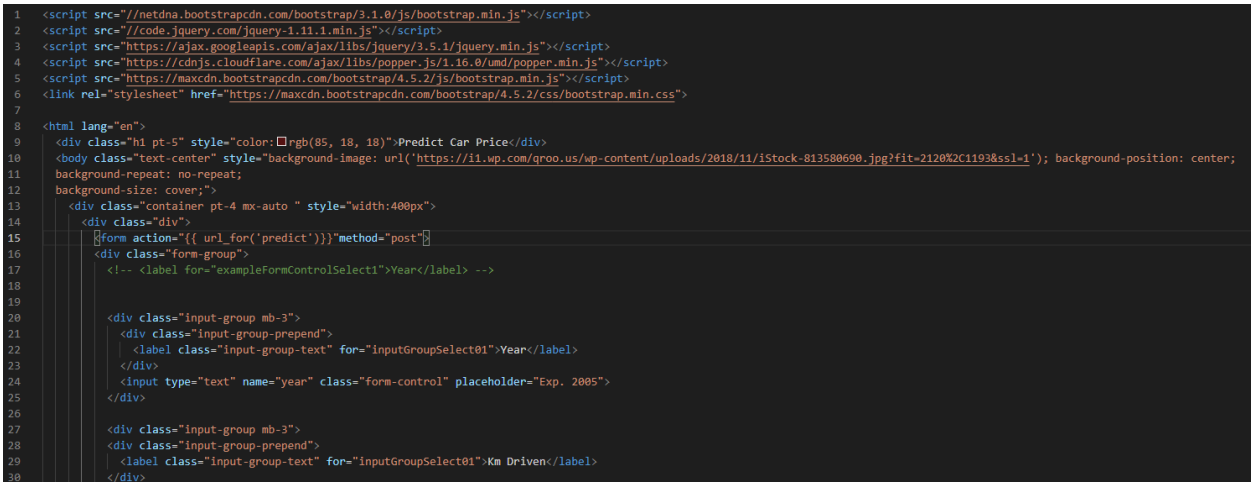

Figure 4: Creating the index.html

Bootsrap was used when creating the index.html. The Form was also created in the post method and the url was defined.

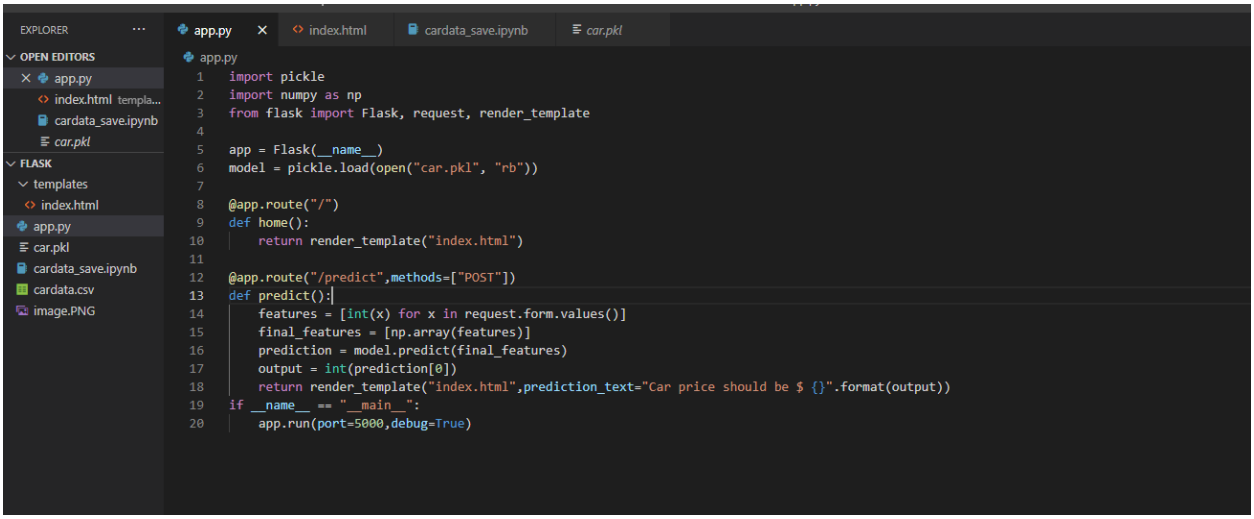

Figure 5: Main file

In this part, the model was loaded and estimated with data obtained from the post. The prediction was sent back to html.